

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/05704A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 077 476 A (ROSENTHAL ROBERT D) 31 December 1991 (1991-12-31)	1-3, 6, 18-21, 23, 26, 38-40
Y	column 3, line 51 -column 6, line 40 column 8, line 29 - line 46	11-13, 16, 17, 27, 28, 37
A	claims 1, 16-23 -----	7-9
Y	US 6 309 884 B1 (BARKER TODD Q ET AL) 30 October 2001 (2001-10-30) column 2, line 16 - line 30 column 3, line 20 -column 8, line 62	11-13, 27, 28
A	claims 1, 9, 15, 16 ----- -/-	1, 10, 14, 15, 29, 30

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

22 March 2004

30/03/2004

## Name and mailing address of the ISA

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Int'l Application No  
PCT/IB 03/05704

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/106709 A1 (TIERNEY MICHAEL J ET AL) 8 August 2002 (2002-08-08) paragraph '0095! paragraph '0120! – paragraph '0133! ---	16,17,37
Y	WO 02 069791 A (PENDRAGON MEDICAL LTD ; CADUFF ANDREAS (CH); HIRT ETIENNE (CH); SCH) 12 September 2002 (2002-09-12) cited in the application the whole document ---	1-6, 18-26, 38-41
Y	US 5 050 612 A (MATSUMURA KENNETH N) 24 September 1991 (1991-09-24)  column 5, line 51 –column 7, line 26 ---	1-6, 18-26, 38-41
A	US 2003/153821 A1 (TIERNEY MICHAEL J ET AL) 14 August 2003 (2003-08-14) paragraph '0165! – paragraph '0200! ---	6,11,19, 20,39,40

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/IB 03/05704**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 31-36  
because they relate to subject matter not required to be searched by this Authority, namely:

Rule 39.1(iv) PCT – Method for treatment of the human or animal body by surgery (reference values are measured by invasive technique – see description p.10, 1.32-37)

2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/IB 03/05704

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 5077476	A	31-12-1991	US 5086229 A AT 145988 T AU 8238791 A CA 2086019 A1 DE 69123448 D1 DE 69123448 T2 EP 0536304 A1 IE 912231 A1 JP 5508336 T NZ 238717 A US 5576544 A WO 9200513 A1 US 5362966 A US 5436455 A US 6066847 A US 5438201 A US 5574283 A US 5068536 A US 5204532 A US 5237178 A US 5365066 A US 5218207 A ZA 9104977 A		04-02-1992 15-12-1996 23-01-1992 28-12-1991 16-01-1997 22-05-1997 14-04-1993 01-01-1992 25-11-1993 26-08-1994 19-11-1996 09-01-1992 08-11-1994 25-07-1995 23-05-2000 01-08-1995 12-11-1996 26-11-1991 20-04-1993 17-08-1993 15-11-1994 08-06-1993 29-04-1992
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